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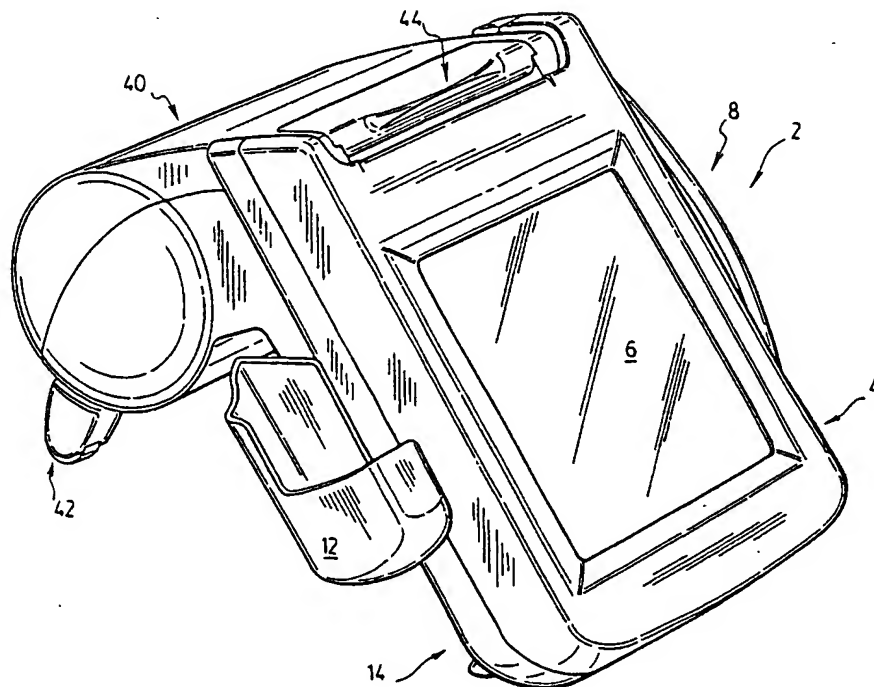
(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

Published:  
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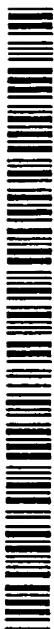
(88) Date of publication of the international search report:  
1 November 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **COMBINATION TERMINAL AND PRINTER**



(57) Abstract: A transaction device comprises a terminal module (4) and printer module (40) mechanically secured in an angled configuration. This angled configuration orientates a touch screen input and display device (6) at an angle to the horizontal to reduce reflected light problems. In addition, the angle orientation of the printer improves space efficiency. A lower surface of the terminal



**WO 01/38098 A3**

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 00/01315

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B41J3/46

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41J G07F G07G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 808 283 A (HSU SHIH-AN ET AL) 15 September 1998 (1998-09-15) abstract column 5, line 19 - line 48; figure 2 ---	1
A	WO 98 55954 A (TELXON CORP) 10 December 1998 (1998-12-10) page 17, last paragraph; figure 6 -----	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

#### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

2 February 2001

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14 05 2001

Name and mailing address of the ISA

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Wehr W

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA 00/01315**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-23

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-23

transaction device comprising a terminal module including a touch screen input and display means and a printer module, said modules when mechanically secured forming a wedge shape such that said touch screen input and display means is oriented at an upwardly extending angle relative to horizontal

2. Claims: 24-30

printer module for a transaction device; the printer module comprising a two-piece housing and a releasable latch arrangement for maintaining the housing in a closed condition

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 00/01315

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5808283 A	15-09-1998	NONE	
WO 9855954 A	10-12-1998	US 6168079 B	02-01-2001
		AU 7810798 A	21-12-1998
		EP 0986792 A	22-03-2000